

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/707,039A  
Source: 1Fwq  
Date Processed by STIC: 3/22/06

***ENTERED***



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/707,039A

DATE: 03/22/2006

TIME: 10:00:46

Input Set : N:\SMITH\PTO.TS.17.txt  
 Output Set: N:\CRF4\03222006\J707039A.raw

3 <110> APPLICANT: Seale, Jeffrey W.  
 4 Vordtriede, Paul B.  
 6 <120> TITLE OF INVENTION: Amino Acid Sequence Variant Alfalfa Antifungal  
 7 Protein and Its Use in Plant Disease Control  
 9 <130> FILE REFERENCE: 38-21(15546)  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/707,039A  
 C--> 11 <141> CURRENT FILING DATE: 2003-11-17  
 11 <160> NUMBER OF SEQ ID NOS: 4  
 13 <170> SOFTWARE: PatentIn version 3.1  
 15 <210> SEQ ID NO: 1  
 16 <211> LENGTH: 135  
 17 <212> TYPE: DNA  
 18 <213> ORGANISM: Medicago sativa  
 20 <220> FEATURE:  
 21 <221> NAME/KEY: CDS  
 22 <222> LOCATION: (1)..(135)  
 23 <223> OTHER INFORMATION:  
 W--> 26 <400> 1  
 27 aga aca tgt gag aat ttg gca gat aaa tat agg gga cca tgc ttt agt 48  
 28 Arg Thr Cys Glu Asn Leu Ala Asp Lys Tyr Arg Gly Pro Cys Phe Ser  
 29 1 5 10 15  
 31 ggt tgt gac act cac tgc aca acc aaa gag aac gca gtt agt gga agg 96  
 32 Gly Cys Asp Thr His Cys Thr Thr Lys Glu Asn Ala Val Ser Gly Arg  
 33 20 25 30  
 35 tgt agg gac gac ttc cgc tgc tgg tgt act aaa aga tgt 135  
 36 Cys Arg Asp Asp Phe Arg Cys Trp Cys Thr Lys Arg Cys  
 37 35 40 45  
 40 <210> SEQ ID NO: 2  
 41 <211> LENGTH: 45  
 42 <212> TYPE: PRT  
 43 <213> ORGANISM: Medicago sativa  
 45 <400> SEQUENCE: 2  
 47 Arg Thr Cys Glu Asn Leu Ala Asp Lys Tyr Arg Gly Pro Cys Phe Ser  
 48 1 5 10 15  
 51 Gly Cys Asp Thr His Cys Thr Thr Lys Glu Asn Ala Val Ser Gly Arg  
 52 20 25 30  
 55 Cys Arg Asp Asp Phe Arg Cys Trp Cys Thr Lys Arg Cys  
 56 35 40 45  
 59 <210> SEQ ID NO: 3  
 60 <211> LENGTH: 135  
 61 <212> TYPE: DNA  
 62 <213> ORGANISM: Artificial Sequence  
 64 <220> FEATURE:

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/707,039A

DATE: 03/22/2006  
TIME: 10:00:46

Input Set : N:\SMITH\PTO.TS.17.txt  
Output Set: N:\CRF4\03222006\J707039A.raw

65 <223> OTHER INFORMATION: AlfAFP1 D8R  
67 <220> FEATURE:  
68 <221> NAME/KEY: CDS  
69 <222> LOCATION: (1)..(135)  
70 <223> OTHER INFORMATION: AlfAFP1 D8R  
73 <400> SEQUENCE: 3  
74 aga aca tgt gag aat ttg gca aga aaa tat agg gga cca tgc ttt agt 48  
75 Arg Thr Cys Glu Asn Leu Ala Arg Lys Tyr Arg Gly Pro Cys Phe Ser  
76 1 5 10 15  
78 ggt tgt gac act cac tgc aca acc aaa gag aac gca gtt agt gga agg 96  
79 Gly Cys Asp Thr His Cys Thr Thr Lys Glu Asn Ala Val Ser Gly Arg  
80 20 25 30  
82 tgt agg gac gac ttc cgc tgc tgg tgt act aaa aga tgt 135  
83 Cys Arg Asp Asp Phe Arg Cys Trp Cys Thr Lys Arg Cys  
84 35 40 45  
87 <210> SEQ ID NO: 4  
88 <211> LENGTH: 45  
89 <212> TYPE: PRT  
90 <213> ORGANISM: Artificial Sequence  
92 <220> FEATURE:  
93 <223> OTHER INFORMATION: AlfAFP1 D8R  
95 <400> SEQUENCE: 4  
97 Arg Thr Cys Glu Asn Leu Ala Arg Lys Tyr Arg Gly Pro Cys Phe Ser  
98 1 5 10 15  
101 Gly Cys Asp Thr His Cys Thr Thr Lys Glu Asn Ala Val Ser Gly Arg  
102 20 25 30  
105 Cys Arg Asp Asp Phe Arg Cys Trp Cys Thr Lys Arg Cys  
106 35 40 45

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/707,039A

DATE: 03/22/2006

TIME: 10:00:47

Input Set : N:\SMITH\PTO.TS.17.txt

Output Set: N:\CRF4\03222006\J707039A.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:26 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:23